

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20040261946"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 08:41
L2	1	"20040261946"	DERWENT	OR	ON	2006/02/28 08:42
L3	1	2005-073709.NRAN.	DERWENT	OR	ON	2006/02/28 08:41
L4	1	"20040261946"	US-PGPUB; USPAT	OR	ON	2006/02/28 09:56
L5	19719	(bleed release) near3 (plural\$3 secnd two)	US-PGPUB; USPAT	OR	ON	2006/02/28 08:47
L6	48582	(bleed release) near3 (plural\$3 second two)	US-PGPUB; USPAT	OR	ON	2006/02/28 08:47
L7	2135	6 and ("118"/\$.ccls. 156/345.\$2. ccls. "216"/\$.ccls. "361"/\$.ccls. "204"/\$.ccls. "219"/\$.ccls. "427"/\$. ccls. "438"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/02/28 08:57
L8	525	7 and (orifice restrict\$3)	US-PGPUB; USPAT	OR	ON	2006/02/28 08:50
L9	451481	("118"/\$.ccls. 156/345.\$2.ccls. "216"/\$.ccls. "361"/\$.ccls. "204"/\$. ccls. "219"/\$.ccls. "427"/\$.ccls. "438"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/02/28 08:58
L10	1015	9 and ((bleed release) same (orifice restrict\$3))	US-PGPUB; USPAT	OR	ON	2006/02/28 09:15
L11	1006	10 and (plural\$3 multiple two second)	US-PGPUB; USPAT	OR	ON	2006/02/28 08:59
L12	613	10 and (holder susceptor support)	US-PGPUB; USPAT	OR	ON	2006/02/28 09:03
L13	128	10 and ((substrate wafer) near3 (holder susceptor support))	US-PGPUB; USPAT	OR	ON	2006/02/28 09:03
L14	164	9 and (bleed same (orifice restrict\$3))	US-PGPUB; USPAT	OR	ON	2006/02/28 09:17
L15	7	14 and chuck	US-PGPUB; USPAT	OR	ON	2006/02/28 09:18
L16	410	9 and ((bleed bypass) same (orifice restrict\$3))	US-PGPUB; USPAT	OR	ON	2006/02/28 09:17
L17	23	16 and chuck	US-PGPUB; USPAT	OR	ON	2006/02/28 09:33
L18	2966	(tokyo near electron).as.	US-PGPUB; USPAT	OR	ON	2006/02/28 10:37

EAST Search History

L19	8	18 and ((bleed bypass) and (chuck and orifice))	US-PGPUB; USPAT	OR	ON	2006/02/28 10:38
L20	0	((bleed bypass) and (chuck and orifice))	EPO; JPO; DERWENT	OR	ON	2006/02/28 09:40
L21	35	((bleed bypass) and chuck)	EPO; JPO; DERWENT	OR	ON	2006/02/28 09:40
L22	57	chuck and gas and bleed and orifice	US-PGPUB; USPAT	OR	ON	2006/02/28 10:00
L23	112	chuck and gas and bypass and orifice	US-PGPUB; USPAT	OR	ON	2006/02/28 10:00
L24	101	23 not 22	US-PGPUB; USPAT	OR	ON	2006/02/28 10:25
L25	1	"20040118342"	DERWENT	OR	ON	2006/02/28 10:26
L26	1	2004-524506.NRAN.	DERWENT	OR	ON	2006/02/28 10:25
L27	12378	(taiwan near2 semiconductor).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:26
L28	6	27 and (gas and bypass and orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:27
L29	20420	(tokyo near electron).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:37
L30	8	29 and ((bleed bypass) and (chuck and (orifice constrict\$4)))	US-PGPUB; USPAT	OR	ON	2006/02/28 10:50
L31	8	29 and ((bleed bypass) and (chuck and (orifice constrict\$4)))	US-PGPUB; USPAT	OR	ON	2006/02/28 10:49
L32	8	29 and ((bleed bypass) and (chuck and (orifice constrict\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:50
L33	8	29 and ((bleed bypass) and (chuck and (orifice constrict\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:53

EAST Search History

L34	392	(shosuke near2 endoh).in. (noriyuke near2 iwabuchi).in. (shigeaki near2 kato).in. (tomoya near2 okubo).in. (jun near2 hirose).IN. (koichi near2 nagakura).in. (chishio near2 koshimizu).in. (kazuki near2 denpoh).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:53
L35	0	34 and ((bleed bypass) and (chuck and (orifice constrict\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:54
L36	2	34 and (chuck and (orifice constrict\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:55
L37	4841	(chuck and (orifice constrict\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:55
L38	427	37 and (bypass bleed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:18
L39	251	(shamouil near2 shamouilian).in. (arnold near2 kholodenko).in. (siamak near2 salimian).in. (hamid near2 noorbakhsh).in. (efrain near2 quiles).in. (dennis near2 grimard).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:21
L40	33	39 and (orifice constrict\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:28
L41	115	(chuck same (heat\$3 cool\$3 temperature)) and ((bleed bypass) and (orifice constrict\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:30

EAST Search History

L42	2801	((chuck wafer substrate) same (heat\$3 cool\$3 temperature)) and ((bleed bypass) and (orifice constrict\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:31
L43	283	((chuck wafer substrate) same (heat\$3 cool\$3 temperature)) and ((bleed bypass) same (orifice constrict\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:34
L44	698	((chuck wafer substrate) same (heat\$3 cool\$3 temperature)) and ((bleed bypass) same (orifice restrict\$3 constrict\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:34
L45	2	"5439026".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 14:28
L46	2	"20030036272"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 14:44
L47	2	"20030196680"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 14:51
L48	3	"20040022694"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 14:54
L49	2	"20050016471"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:03

EAST Search History

S1	2	"5609720".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 15:29
S2	17	"5609720".pn. "5715132".pn. "5761023".pn. "5835334".pn. "5937541".pn. "5992046".pn. "6245192".pn. "6320736".pn. "6373679".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 09:30
S3	4	"5350479".pn. "5748435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 17:57
S4	9660	gao.in. mcmillin.in. denty.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:08
S5	1114	S4 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 17:58
S6	18	S5 and (temperature near4 control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:01
S7	26	S5 and (wafer same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:02
S8	0	(Qinghong adj gao).in. (brian adj mcmillin).in. (bill adj denty).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:10

EAST Search History

S9	0	(Qinghong adj gao).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:10
S10	9364	gao.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:10
S11	1064	S10 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:10
S12	989	S11 and (wafer temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:11
S13	33	S12 and (gas near4 pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:16
S14	10	denty.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:19
S15	286	mcmillin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 18:20
S16	229577	165/345.53.ccls. 118/724.ccls. "137"/\$.ccls. 156/643.1.ccls. 361/234.ccls. 361/115.ccls. 361/23. ccls. 279/128.ccls. 34/493.ccls. 34/497.ccls. 34/565.ccls. 34/92.ccls. 34/192.ccls. 34/210.ccls. 438/706. ccls. 438/712.ccls. 438/729.ccls. 438/730.ccls. 438/731.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 15:31

EAST Search History

S17	8677	S16 and (wafer chuck susceptor pedestal cathode substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 14:56
S18	2164	S17 and (temperature same control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 14:57
S19	865	S18 and (cool\$3 same gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 14:58
S20	13	S19 and de-chuck\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:32
S21	22	S19 and dechuck\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 15:45
S22	20	S21 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 15:45
S23	1	S19 and (gas near8 dechuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 16:24
S24	571	S18 and (gas near8 cool\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 16:26

EAST Search History

S25	171	S24 and (dechuck lift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 16:27
S26	213	S24 and (dechuck lift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 16:35
S27	213	S26 and ad<"20020621"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 16:36
S28	184	S26 and @ad<"20020621"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 18:14
S29	3	S28 and bleed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/11 18:14
S30	229577	165/345.53.ccls. 118/724.ccls. "137"/\$.ccls. 156/643.1.ccls. 361/234.ccls. 361/115.ccls. 361/23. ccls. 279/128.ccls. 34/493.ccls. 34/497.ccls. 34/565.ccls. 34/92.ccls. 34/192.ccls. 34/210.ccls. 438/706. ccls. 438/712.ccls. 438/729.ccls. 438/730.ccls. 438/731.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:33
S31	8677	S30 and (wafer chuck susceptor pedestal cathode substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 10:09
S32	2164	S31 and (temperature same control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:33

EAST Search History

S33	865	S32 and (cool\$3 same gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:33
S34	8	S33 and (gas near5 bleed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:53
S35	3	S33 and ((cool\$3 adj gas) near7 (bleed purge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:50
S36	69	S33 and (gas same (bleed purge)) and throughput	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 09:55
S37	764	S30 and cool\$3 near (wafer chuck susceptor pedestal cathode substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 10:09
S38	164993	S37 and Throughput and gas (purge bleed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:02
S39	228	S37 and Throughput	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 10:13
S40	39	S39 and gas near7 (bleed purge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 10:18

EAST Search History

S41	344	S32 and (gas near8 distribution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 10:20
S42	79	S41 and gas near8 (bleed purge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:40
S43	10	("5203958" "5458687" "5673750" "5904776" "5981913" "6012509" "6033478").PN. OR ("6254683").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/13 11:50
S44	362	S37 and (Helium or (heat adj transfer adj gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:24
S45	59	S44 and (bleed bypass purge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:49
S46	82	S37 and (Helium or (heat adj transfer adj gas)) and (gas adj (distribution delivery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:26
S47	0	S46 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:27
S48	76	S46 and @ad<"20020621"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:27

EAST Search History

S49	2	"5320982".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 13:18
S50	234244	165/345.53.ccls. 118/724.ccls. "137"/\$.ccls. 156/643.1.ccls. 361/234.ccls. 361/115.ccls. 361/23. ccls. 279/128.ccls. 34/493.ccls. 34/497.ccls. 34/565.ccls. 34/92.ccls. 34/192.ccls. 34/210.ccls. 438/706. ccls. 438/712.ccls. 438/729.ccls. 438/730.ccls. 438/731.ccls. 118/715.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 15:32
S51	11983	S50 and (orifice same control\$3 same flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 15:35
S52	138	S51 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 17:18
S53	4459	S50 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 15:36
S54	1079	S53 and (Helium or (heat adj transfer adj gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 15:37
S55	39	S54 and (orifice same flow same control\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:25
S56	241	S54 and Helium same (orifice or flow same control\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:54

EAST Search History

S57	236	S56 and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:28
S58	1774547	S57 and helium (bleed exhaust vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:27
S59	191	S57 and @ad<"20020621"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:28
S60	23	S54 and Helium same orifice	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:55
S61	46	("4565601" "4567938" "4703153" "4778559" "4793975" "4797009" "4842683" "5231690" "5252807" "5280156" "5306895" "5343938" "5350720" "5431421" "5482558" "5516367" "5520742" "5522934" "5536322" "5556474" "5558717" "5589224" "5633073" "5656093" "5688331" "5705080" "5720818" "5730803" "5766363" "5775416" "5796074" "5800618" "5846332" "5935334" "5968379" "5994678").PN. OR ("6189482").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/13 17:03
S62	3530	S51 and (dechuck\$3 or remov\$3 or lift\$3 or releas\$3 or declamp\$3) same Flow same (increas\$3 or Rais\$3 or Ris\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 17:20
S63	31	S62 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 17:45

EAST Search History

S64	917410	H01L021/\$.ipc. c23C016/\$.ipc. H01T023/\$.ipc. C23F001/\$.ipc. H01H023/\$.ipc. G05D011/\$.ipc. H05H001/\$.ipc.	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:11
S65	74397	S64 and plasma	EPO; JPO; DERWENT	OR	ON	2005/06/13 17:54
S66	18	S65 and (orifice same control\$3 same flow)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:39
S67	0	S65 and (helium or (heat adj transfer adj gas)) and (orifice same control\$3 same flow)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:02
S68	771	S65 and (helium or (heat adj transfer adj gas))	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:02
S69	0	S68 and (orifice same control\$3 same flow)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:03
S70	1	S68 and orifice	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:03
S71	0	S65 and (helium same orifice)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:06
S72	379	S65 and orifice	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:06
S73	286	S72 and gas	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:32
S74	0	S72 and (heat adj transfer adj gas)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:07
S75	9	S72 and (Helium or (cool\$3 near gas))	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:34
S76	0	S72 and (dechuck\$3 or remov\$3 or lift\$3 or declamp\$3 or releas\$3) same (Flow same chang\$3)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:37
S77	21	S72 and (dechuck\$3 or remov\$3 or lift\$3 or declamp\$3 or releas\$3)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:37
S78	10	S65 and (dechuck\$3 or remov\$3 or lift\$3 or declamp\$3 or releas\$3) same (Flow same change)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:41
S79	11763	S65 and (wafer (dechuck\$3 or remov\$3 or lift\$3 or declamp\$3 or releas\$3) same (Flow same change))	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:41
S80	441	S79 and controller	EPO; JPO; DERWENT	OR	ON	2005/06/14 16:21
S81	14	S80 and (He Helium)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:47
S82	0	S79 and (controller same helium same He)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:53

EAST Search History

S83	34	S79 and (controller same Pressure same Flow)	EPO; JPO; DERWENT	OR	ON	2005/06/13 18:54
S84	917410	H01L021/\$.ipc. c23C016/\$.ipc. H01T023/\$.ipc. C23F001/\$.ipc. H01H023/\$.ipc. G05D011/\$.ipc. H05H001/\$.ipc.	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:12
S85	165	S84 and (cool\$3 same he)	EPO; JPO; DERWENT	OR	ON	2005/06/14 10:01
S86	50	S85 and plasma	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:59
S87	7	S86 and (orifice aperture hole)	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:59
S88	2	S85 and (orifice aperture)	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:20
S89	0	S86 and (orifice aperture)	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:59
S90	2	S85 and (aperture orifice)	EPO; JPO; DERWENT	OR	ON	2005/06/14 09:59
S91	20	S84 and (he same cool\$3) and (orifice aperture hole)	EPO; JPO; DERWENT	OR	ON	2005/06/14 12:36
S92	1	"6015595".pn.	EPO; JPO; DERWENT	OR	ON	2005/06/14 12:37
S93	2	"6015595".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/14 12:37
S94	229604	165/345.53.ccls. 118/724.ccls. "137"/\$.ccls. 156/643.1.ccls. 361/234.ccls. 361/115.ccls. 361/23.ccls. 279/128.ccls. 34/493.ccls. 34/497.ccls. 34/565.ccls. 34/92.ccls. 34/192.ccls. 34/210.ccls. 438/706.ccls. 438/712.ccls. 438/729.ccls. 438/730.ccls. 438/731.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:50
S95	765	S94 and cool\$3 near (wafer chuck susceptor pedestal cathode substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:50
S96	362	S95 and (Helium or (heat adj transfer adj gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:50

EAST Search History

S97	59	S96 and (bleed bypass purge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:50
S98	57	S97 and @ad<"20040621"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 15:40
S99	2	"6254683".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 15:29
S10 0	25	S98 and throughput	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 15:40
S10 1	74397	S84 and plasma	EPO; JPO; DERWENT	OR	ON	2005/06/14 16:22
S10 2	11763	S101 and (wafer (dechuck\$3 or remov\$3 or lift\$3 or declamp\$3 or releas\$3) same (Flow same change))	EPO; JPO; DERWENT	OR	ON	2005/06/14 19:32
S10 3	6	S102 and (controller and Helium)	EPO; JPO; DERWENT	OR	ON	2005/06/14 16:22
S10 4	10	S101 and ((dechuck\$3 or remov\$3 or lift\$3 or declamp\$3 or releas\$3) same (Flow same change))	EPO; JPO; DERWENT	OR	ON	2005/06/14 16:25
S10 5	0	S101 and (throughput and evacuation and exhaust)	EPO; JPO; DERWENT	OR	ON	2005/06/14 19:33
S10 6	814	S101 and throughput	EPO; JPO; DERWENT	OR	ON	2005/06/14 19:33
S10 7	18	S106 and (helium or He)	EPO; JPO; DERWENT	OR	ON	2005/06/14 19:33
S10 8	158	156/345.53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 09:32

EAST Search History

S109	3	S108 and (bleed\$3 bled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 09:35
S110	72	S108 and (bleed\$3 bled leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 09:58
S111	86	S108 not S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:21
S112	261807	"118"/\$.ccls. 156/345.\$2.ccls. "438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:22
S113	4531588	(susceptor support chuck holder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:23
S114	507240	S113 and cool\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:32
S115	16798	S112 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:26
S116	14982	S115 and (multiple multi plural\$4 different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:28

EAST Search History

S11 7	7248	S115 and ((multiple multi plural\$4 different) same (gas feed bleed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:34
S11 8	4061	S117 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:29
S11 9	36634	S113 near5 cool\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:33
S12 0	2563	S112 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:33
S12 1	1415	S120 and ((multiple multi plural\$4 different) same (gas feed bleed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:36
S12 2	1045	S121 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:34
S12 3	741	S120 and ((multiple multi plural\$4 different) near4 (gas feed bleed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:50
S12 4	70	S120 and ((multiple multi plural\$4 different) near4 (cool\$3 near4 gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:14

EAST Search History

S12 5	10	("4565601" "4949783" "5267607" "5320982" "5622593" "5676205" "5990016" "6140612" "6174408").PN. OR ("6635580"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 10:59
S12 6	4	"6899787".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:14
S12 7	17	("4432635" "4999320" "5267607" "5350479" "5376213" "5530616" "5542559" "5547539" "5583736" "5609720" "5667622" "5671116" "5748435" "5883778" "5885469" "5903428").PN. OR ("6320736"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 08:43
S12 8	14151	((bypass\$3 bleed\$3 evacuat\$4 exhaust\$4) same (plural multiple multi))	EPO; JPO; DERWENT	OR	ON	2005/09/29 10:39
S12 9	219	S128 and (cool\$3 near2 gas)	EPO; JPO; DERWENT	OR	ON	2005/09/29 10:40
S13 0	2	S129 and plasma	EPO; JPO; DERWENT	OR	ON	2005/09/29 10:41
S13 1	193489	plasma	EPO; JPO; DERWENT	OR	ON	2005/09/29 10:42
S13 2	13984	S131 and (susceptor support chuck holder)	EPO; JPO; DERWENT	OR	ON	2005/09/29 10:46
S13 3	147	S132 and (gas near2 cool\$3)	EPO; JPO; DERWENT	OR	ON	2005/09/29 10:46
S13 4	1037	(Lam near Research).as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:15
S13 5	819	S134 and (chuck susceptor support holder)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:16
S13 6	90	S135 and (Cool\$3 near gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:16
S13 7	974	(Lam near Research near corporation).as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:15
S13 8	764	S137 and (chuck susceptor support holder)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:16

EAST Search History

S13 9	85	S137 and (Cool\$3 near gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:16
S14 0	5	S136 not S139	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:22
S14 1	158	156/345.53.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 19:22